

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: KUMAGAI, et al.

Serial No.: Not yet assigned

Filed: July 24, 2003

For: SEMICONDUCTOR DEVICE

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

July 24, 2003

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

Although some of the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by the discussion of the documents in the specification, for example, on pages one (1), four (4), nine (9), twenty-two (22) and twenty-three (23).

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (Case: 501.42841X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS LLP



Melvin Kraus
Registration No. 22,466

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| Form PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DKT. NO. 501.42841X00 | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | APPLICANT KUMAGAI, et al. | |
| | | FILING DATE July 24, 2003 | GROUP |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date |
|------------------|-----------------|------|------|-------|----------|-------------|
| AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Abstract | |
|------------------|-----------------|------------|---------|-------|----------|-----------------|----|
| | | | | | | Yes | No |
| AM | 11-340337 | 12/10/1999 | JP | H01L | 21/8238 | X | |
| AN | 6-232170 | 08/19/1994 | JP | H01L | 21/338 | X | |
| AO | 60-52052 | 03/23/1985 | JP | H01L | 27/08 | X | |
| AP | 7-321222 | 12/08/1995 | JP | H01L | 21/8238 | X | |
| AQ | 10-92947 | 04/10/1998 | JP | H01L | 21/8234 | X | |
| AR | 2000-243854 | 09/08/2000 | JP | H01L | 21/8238 | X | |
| AS | 2000-150699 | 05/30/2000 | JP | H01L | 23/12 | X | |
| AT | 2000-36605 | 02/02/2000 | JP | H01L | 29/786 | X | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|----|---|
| AU | SAYAMA, et al., "Oyo Butsuri", Applied Physics, Vol. 69, No. 9, Pgs. 1099-1102, 2000, with English language translation |
| AV | HAMADA, et al., "A New Aspect of Mechanical Stress Effects in Scaled MOS Devices", IEEE Transactions Electron Devices, Vol. 38, No. 4, Pgs. 895-900, 1991 |
| AW | |
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| Examiner Initial | Document Number | Date | Country | Class | Subclass | Abstract | |
|------------------|-----------------|------------|---------|-------|----------|-----------------|----|
| | | | | | | Yes | No |
| AM | 2000-36567 | 02/02/2000 | JP | H01L | 27/08 | X | |
| AN | 2001-24468 | 01/26/2001 | JP | H03H | 9/19 | X | |
| AO | | | | | | | |
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